

ABSTRACT

5 A heat fusible conjugate fiber produced by high-speed melt spinning is disclosed. The conjugate fiber is composed of a first resin component having an orientation index of 40% or higher and a second resin component having a lower melting or softening point than the melting point of the first resin component and an orientation index of 25% or lower. The second resin component is present on at least part of the surface of the fiber in a lengthwise continuous configuration. The conjugate fiber preferably has a heat shrinkage of 0.5% or less at a temperature higher than the melting or softening point of the second resin component by 10°C.